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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/083,098	02/26/2002	Michael P. Hills	MS160206.1	5421

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AMIN & TUROCY, LLP
24TH FLOOR, NATIONAL CITY CENTER
1900 EAST NINTH STREET
CLEVELAND, OH 44114

EXAMINER

NGUYEN, VAN H

ART UNIT PAPER NUMBER

2194

DATE MAILED: 12/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/083,098	Applicant(s) HILLS ET AL.	
	Examiner VAN H. NGUYEN	Art Unit 2194	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 September 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 and 10-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 and 10-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

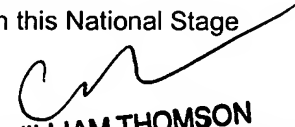
Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-8 and 10-27 are presented for examination.

Claim Objections

2. Claims 1, 14, 15, 25, and 27 are objected to because of the following informalities: the abbreviations (e.g., AML, SMBus) used in these claims should be defined. Appropriate correction is required.

Claims 14, 24, and 27 are objected to because these claims are not limited to statutory embodiments. In view of Applicant's disclosure, specification page 11, lines 1-7, the media is not limited to statutory embodiments, instead being defined as including both statutory embodiments (e.g., disks) and non-statutory embodiments (e.g., carrier waves). As such, the claims are not limited to statutory subject matter, and are therefore non-statutory (See "Interim Guidelines for Examination of Patent Applications for Patent Subject Matter Eligibility").

Claim Rejections - 35 USC § 102

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-8 and 10-27 are rejected under 35 U.S.C. 102(b) as being anticipated by Lewis (US 6,167,511).

As to claim 1, Lewis teaches the invention as claimed including a computer implemented system that facilitates AML access to an SMBus (see the abstract), comprising:

an AML event handler component (the event handler; col.7, lines 43); and,
a driver component (the ACPI driver; col.7, line 36-43) that identifies an SMBus event (events; col.7, line 36-43) and dispatches the SMBus event to the AML event handler (col.7, line 36-43) , where the AML event handler employs, among other things, a three parameter buffer access read method to read data from an operation region associated with the SMBus (see the read operation discussion beginning at col.8, line 23).

As to claim 2, Lewis teaches the driver receives a status and a data associated with the SMBus event from the SMBus (see fig.2).

As to claim 3, Lewis teaches the driver employs a _Qxx control method to dispatch the SMBus event to the AML event handler (col.1, lines 51-55).

As to claim 4, Lewis teaches at least one AML event handler entry point is accessed by the _Qxx control method (col.7, lines 5-15).

As to claim 5, Lewis teaches where a first parameter of the three parameter buffer access read method provides an initial data to a computer component providing access to the operation region associated with the SMBus (col.8, lines 23-60).

As to claim 6, Lewis teaches a second parameter of the three parameter buffer access read method is a reference to the operation region associated with the SMBus from which the data

will be read (130; fig.5).

As to claim 7, Lewis teaches a third parameter of the three parameter buffer access read method holds data read from the operation region identified by the second parameter (150; fig.5).

As to claim 8, Lewis teaches a third parameter of the three parameter buffer access read method is a reference to a location to store the data read from the operation region identified by the second parameter (col.8, lines 23-60).

As to claim 10, Lewis teaches a first parameter of the three parameter buffer access write method is the data to be written to the operation region associated with the SMBus (col.8, line 66-col.9, line 35).

As to claim 11, Lewis teaches a first parameter of the three parameter buffer access write method is a reference to the data to be written to the operation region associated with the SMBus (col.10, lines 22-32).

As to claim 12, Lewis teaches a second parameter of the three parameter buffer access write method is a reference to the operation region associated with the SMBus to which the data will be written (col.10, lines 22-32).

As to claim 13, Lewis teaches a third parameter of the three parameter buffer access write method is a status code returned by a computer component providing access to the operation region associated with the SMBus (col.9, lines 33-35).

As to claim 14, note the rejection of claim 1 above. Claim 14 is the same as claim 1, except claim 14 is a computer readable medium claim and claim 1 is a system claim.

As to claim 15, note the rejection of claim 1 above. Claim 15 is the same as claim 1, except claim 15 is a method claim and claim 1 is a system claim.

As to claim 16, Lewis teaches the SMBus event notification is identified by examining at least one of a data and a status associated with the SMBus event notification (col.7, lines 32-42).

As to claim 17, Lewis teaches indexing to a_Qxx control method via a registered AML event handler (col.7, lines 44-58).

As to claim 18, Lewis teaches reading an operation region associated with the SMBus that generated the SMBus notification (col.8, lines 23-33).

As to claim 19, Lewis teaches the operation region is accessed by a three parameter read, where a first parameter holds an initial data, a second parameter holds a reference to the operation region to be accessed and a third parameter holds data read from the operation region (col.8, lines 23-60).

As to claim 20, Lewis teaches the operation region is accessed by a three parameter read, where a first parameter holds an initial data, a second parameter holds a reference to the operation region to be accessed and a third parameter holds a reference to data read from the operation region (col.8, lines 23-60).

As to claim 21, Lewis teaches writing an operation region associated with the SMBus that generated the SMBus notification (col.10, lines 22-32).

As to claim 22, Lewis teaches the operation region is written by a three parameter write, where a first parameter holds a data to be written to the operation region, a second parameter holds a reference to the operation region and a third parameter holds a returned status call (col.6, lines 15-24).

As to claim 23, Lewis teaches the operation region is written by a three parameter write, where a first parameter holds a reference to a data to be written to the operation region, a second

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parameter holds a reference to the operation region and a third parameter holds a returned status call (col.6, lines 15-24).

As to claim 24, Lewis teaches a computer readable medium storing computer instructions (col.6, lines 35-45).

As to claim 25, Lewis teaches the invention as claim including a computer executable system for SMBus event handling (see the abstract), comprising:

computer implemented means for receiving an SMBus notification via a _Qxx control method (see the ACPI control method discussion beginning at col.1, line 51 and col.2, line 56);

computer implemented means for locating an AML code event handler associated with the SMBus notification (col.5, lines 40-56); and

computer implemented means for the _Qxx control method dispatch the SMB notification to the AML code event handler associated with the SMBus notification (see the ACPI control method discussion beginning at col.1, line 5 and col.7, lines 33-43).

As to claim 26, Lewis teaches means for the AML code event handler to access a data object employed to communicate with an SMBus (col.6, lines 35-45).

As to claim 27, refer to claim 1 above for rejection.

Response to Arguments

4. Applicant's arguments filed 28 September 2005 have been fully considered but they are not persuasive.

In the remarks, Applicant argued in substance that (a) Lewis does not teach a three

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parameter buffer access read that is employs by the AML event handler and (b) Lewis fails to teach a driver component that identifies an SMBus event and dispatches the SMBus event to the AML event handler.

Examiner respectfully traverses Applicant's remarks.

As to point (a), Lewis teaches a three parameter buffer access read that is employs by the AML event handler (see the read operation discussion beginning at col.8, line 23).

As to point (b), Lewis teaches a driver component that identifies an SMBus event and dispatches the SMBus event to the AML event handler (see the ACPI driver and event handler discussion beginning at col.7, line 36).

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Contact Information

6. Any inquiry or a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: (571) 272-2100.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to VAN H. NGUYEN whose telephone number is (571) 272-3765. The examiner can normally be reached on Monday-Thursday from 8:30AM - 6:00PM. The examiner can also be reached on alternative Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM THOMSON can be reached at (571) 272-3718.

The fax phone number for the organization where this application or proceeding is assigned is **(571) 273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner for patents
P O Box 1450
Alexandria, VA 22313-1450

Van H. Nguyen
Patent Examiner
Art Unit 2194


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER